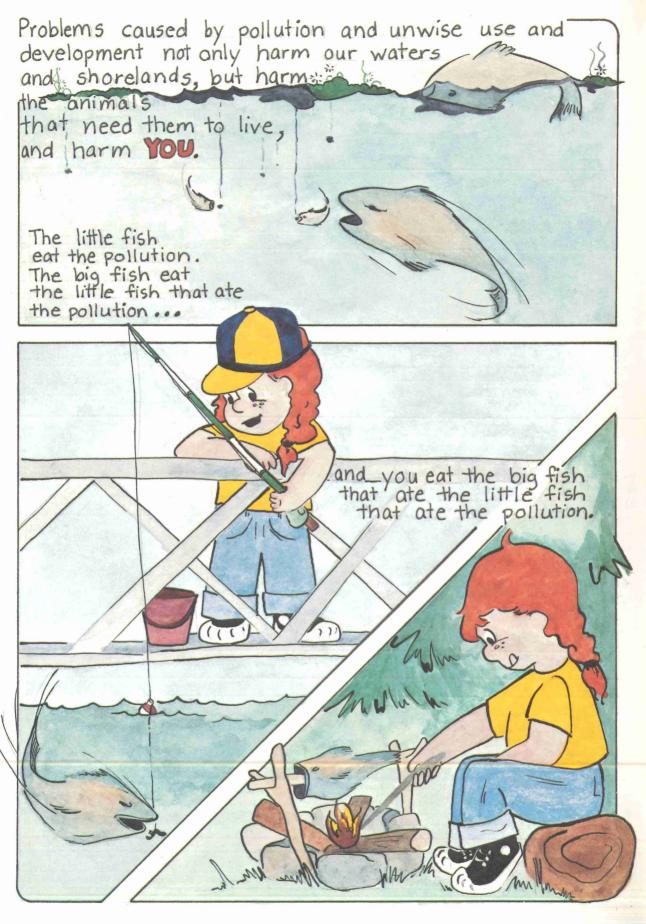
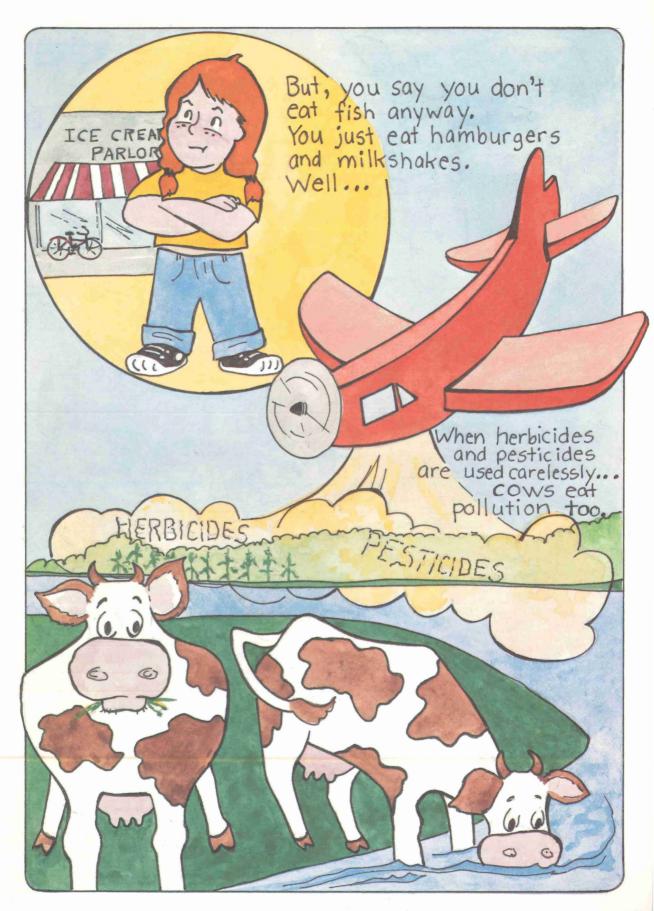


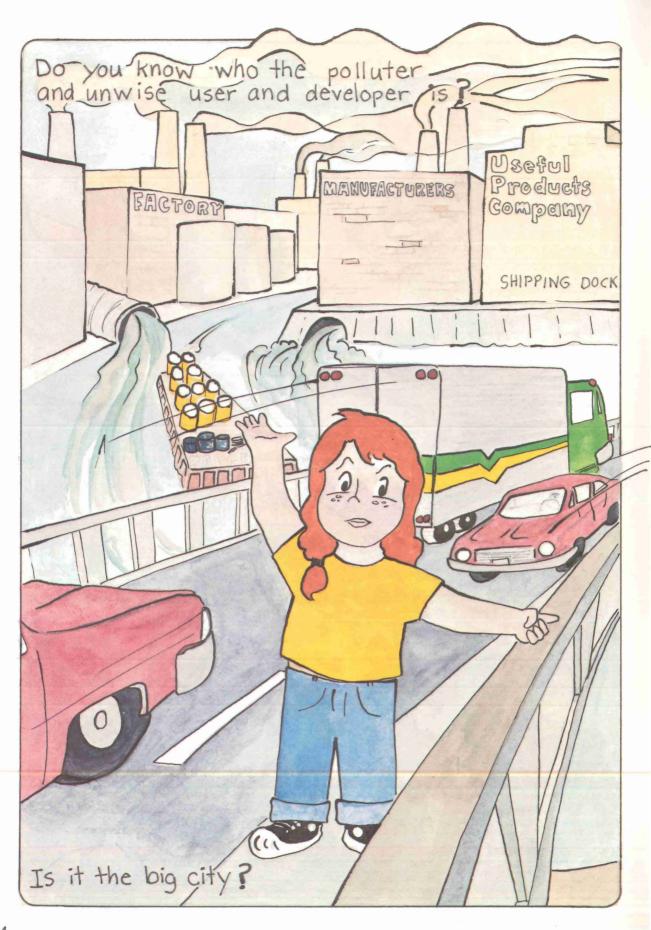
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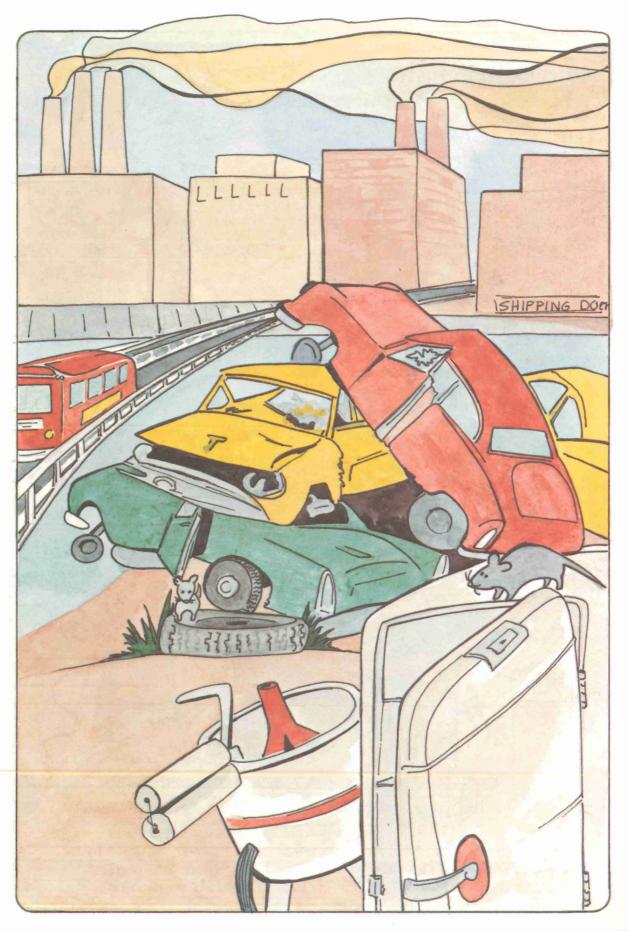


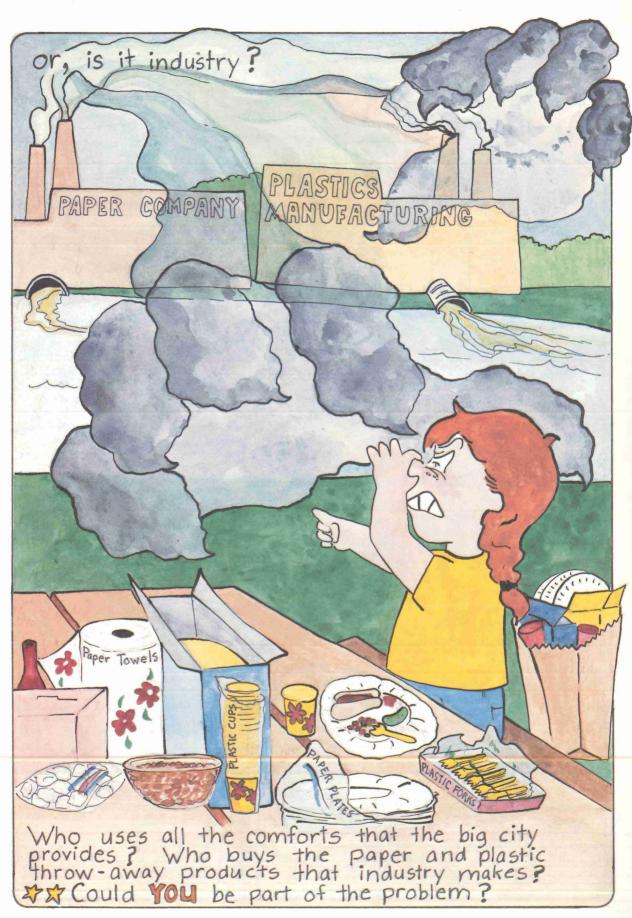


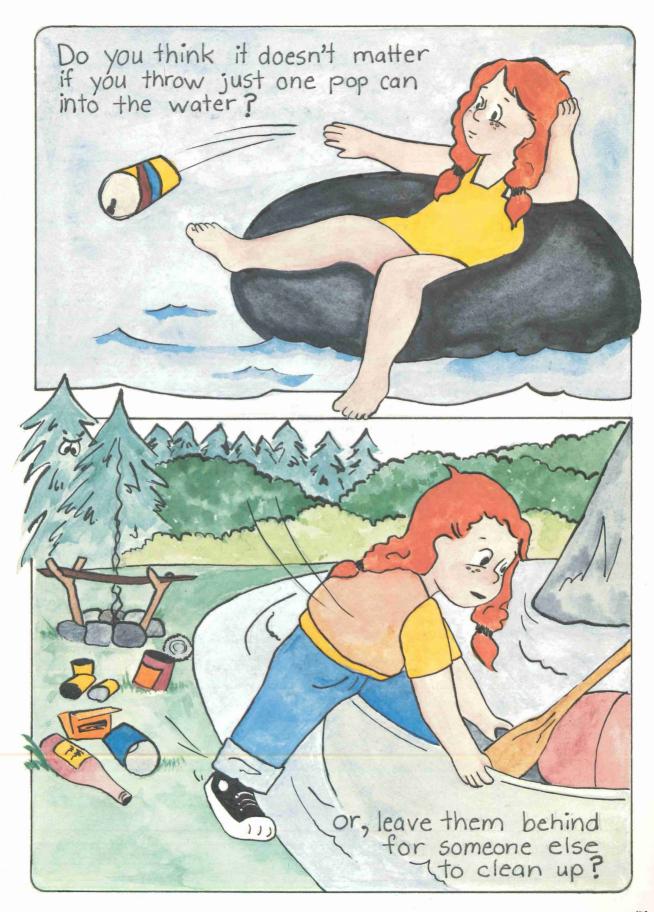


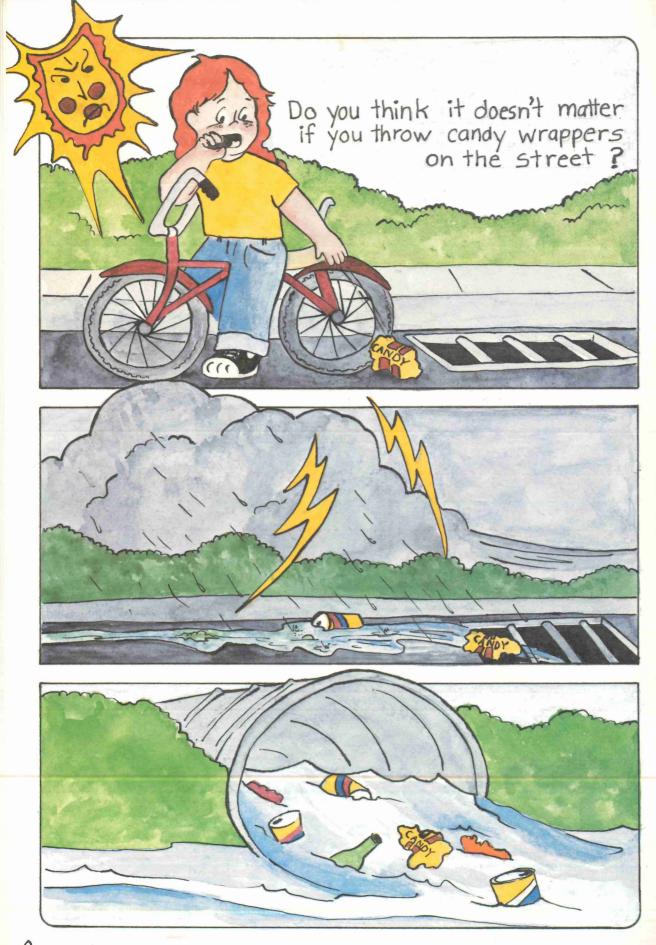


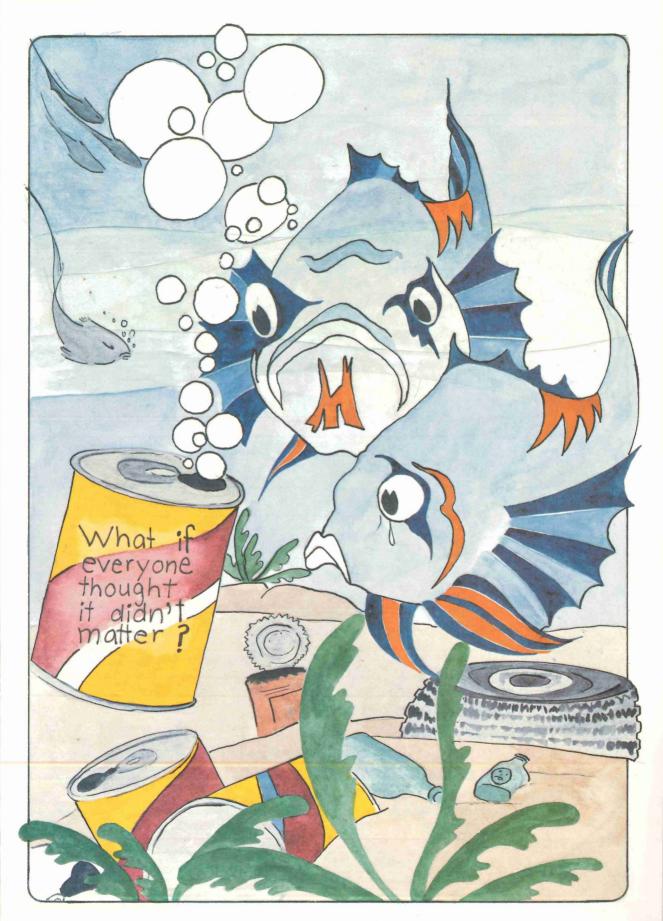




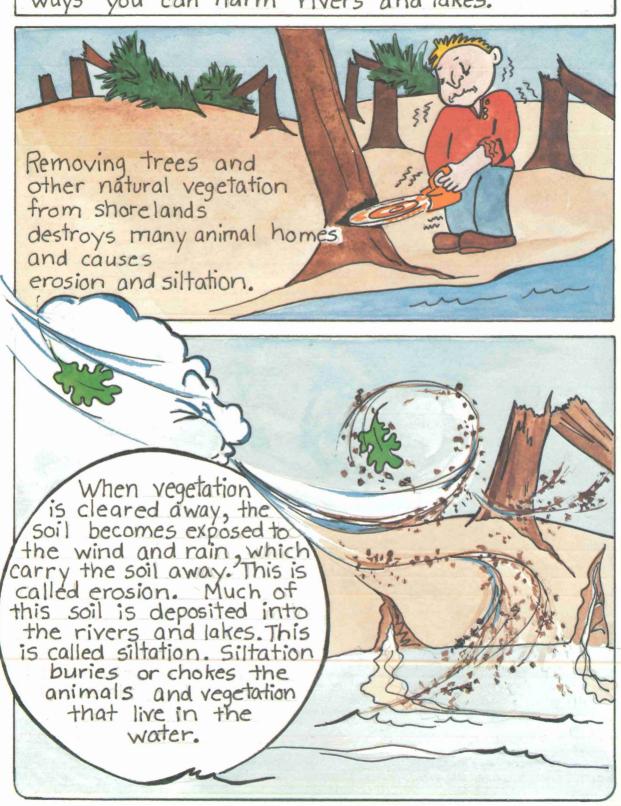


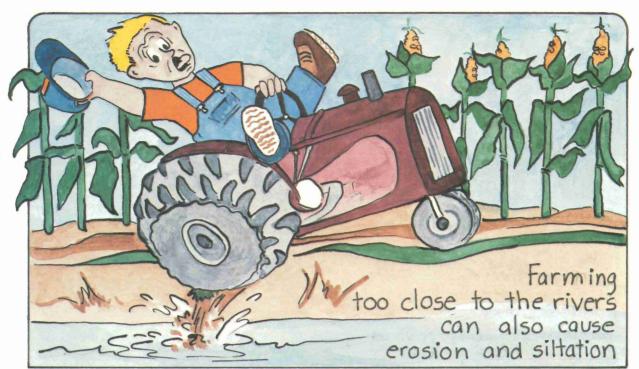


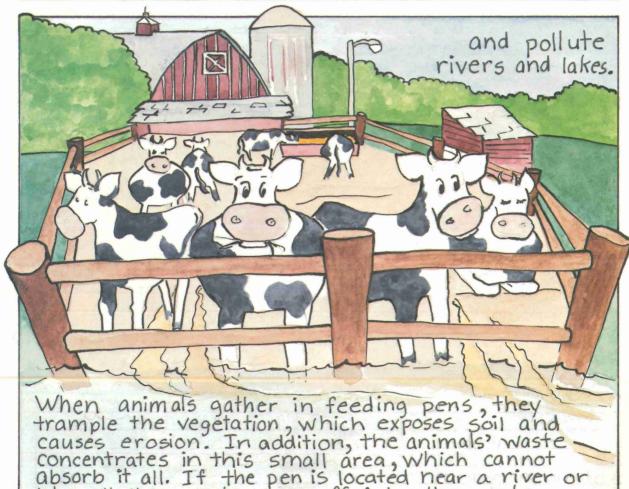




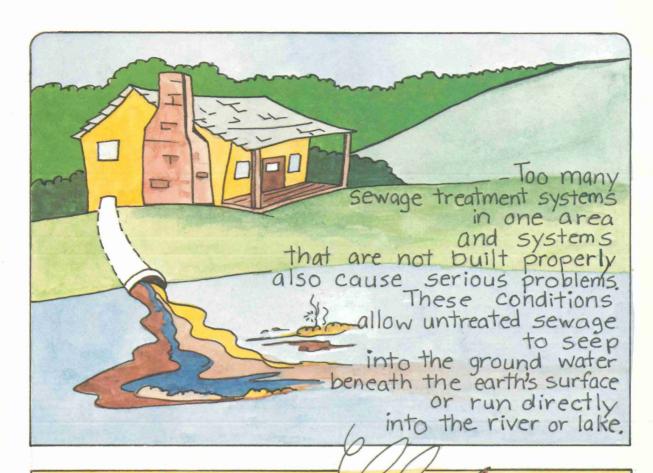
Harmful pollutants dumped into the water or scattered in the air, and littering are not the only ways you can harm rivers and lakes.

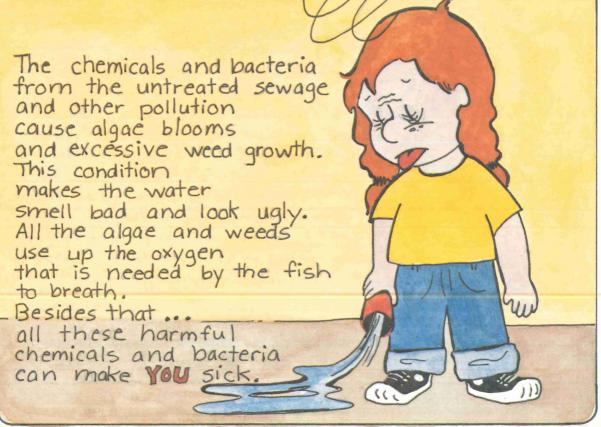




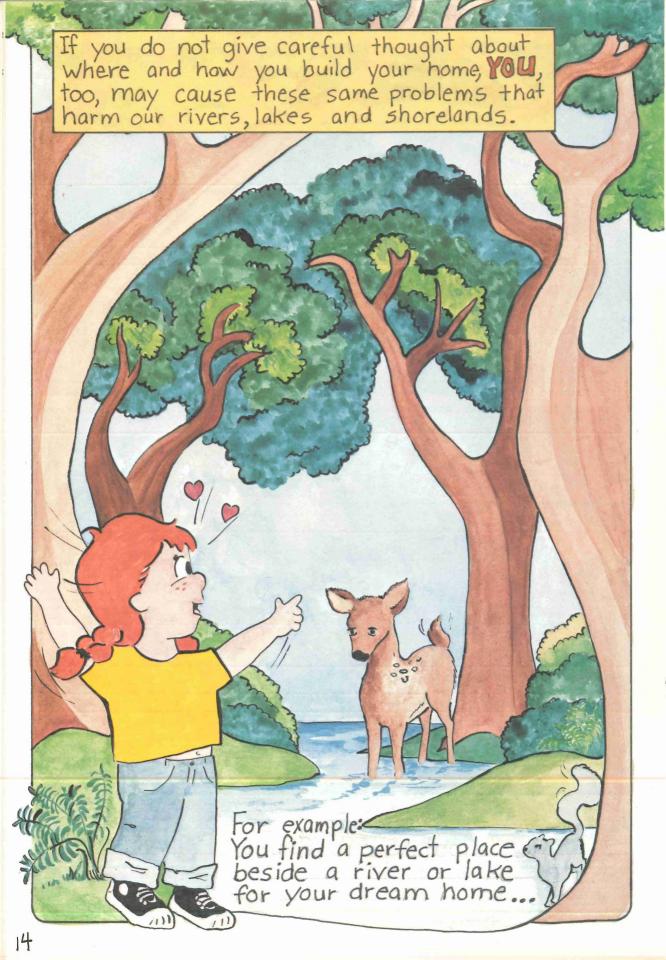


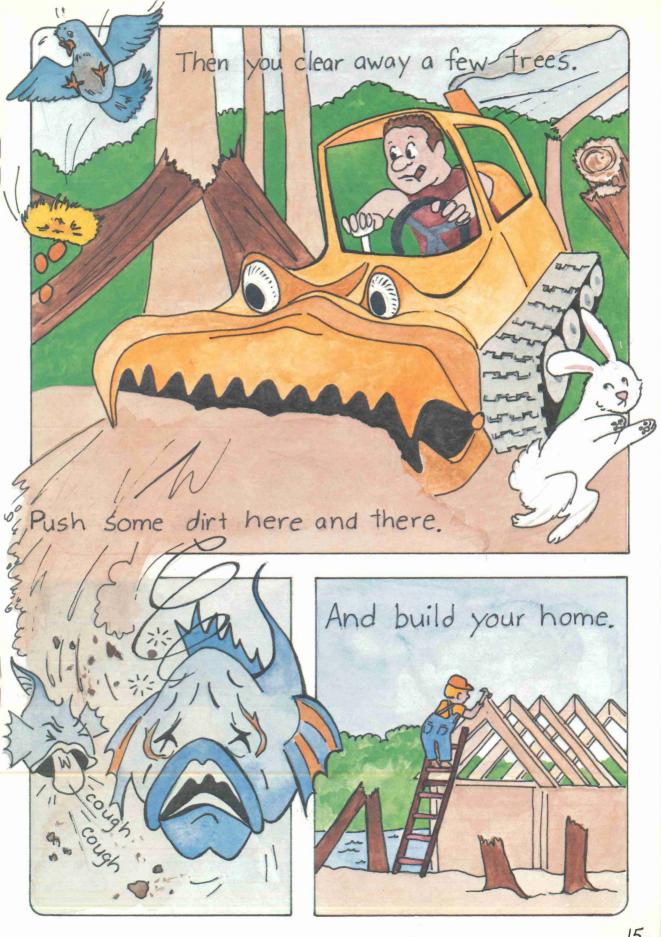
lake, all this waste runs off into the water.

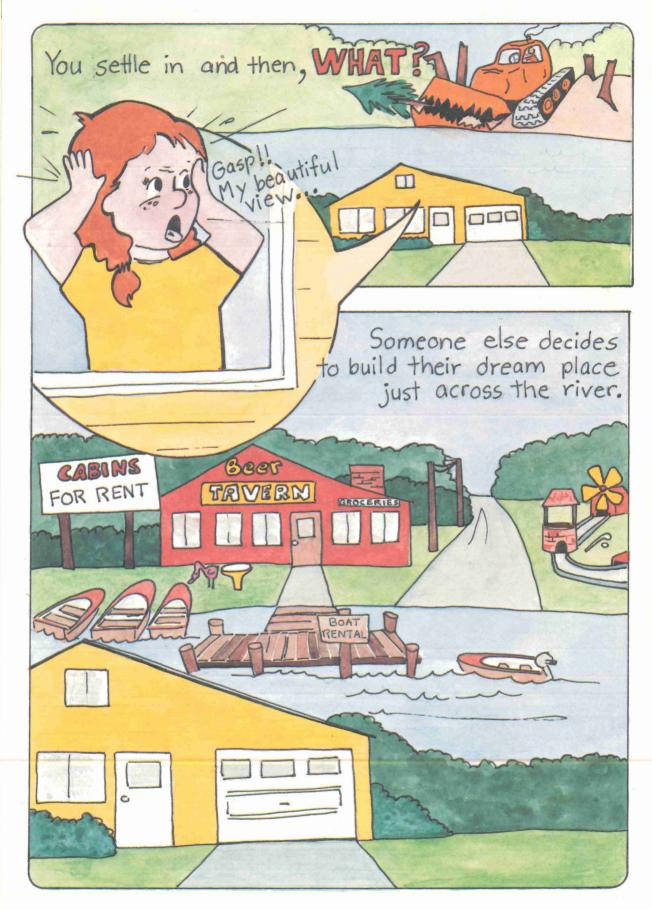


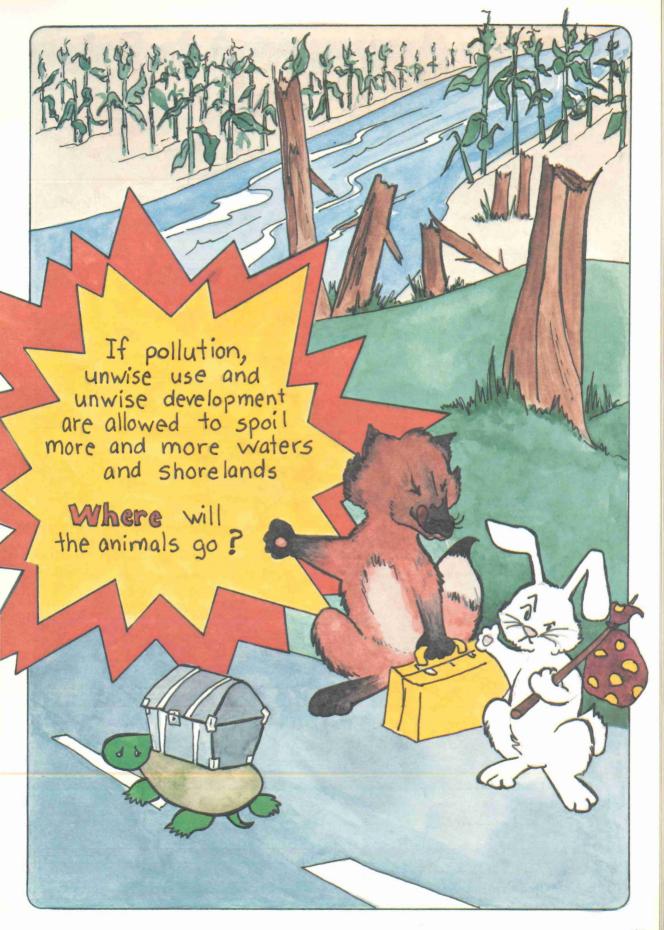


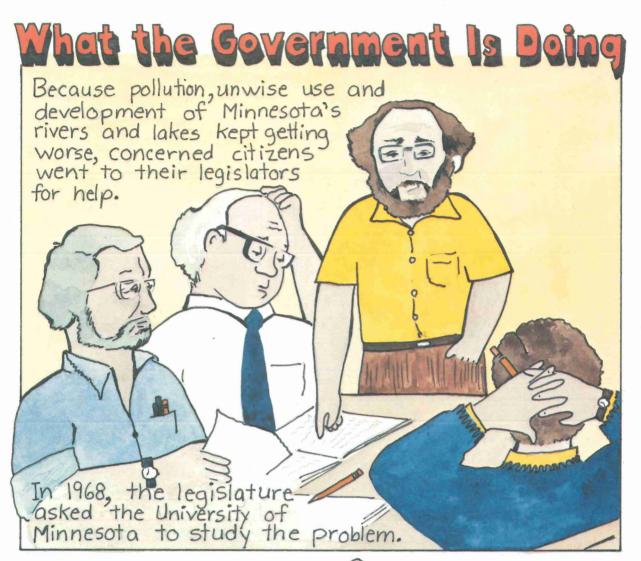


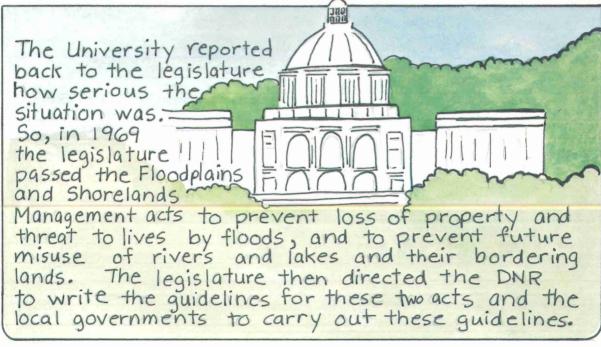


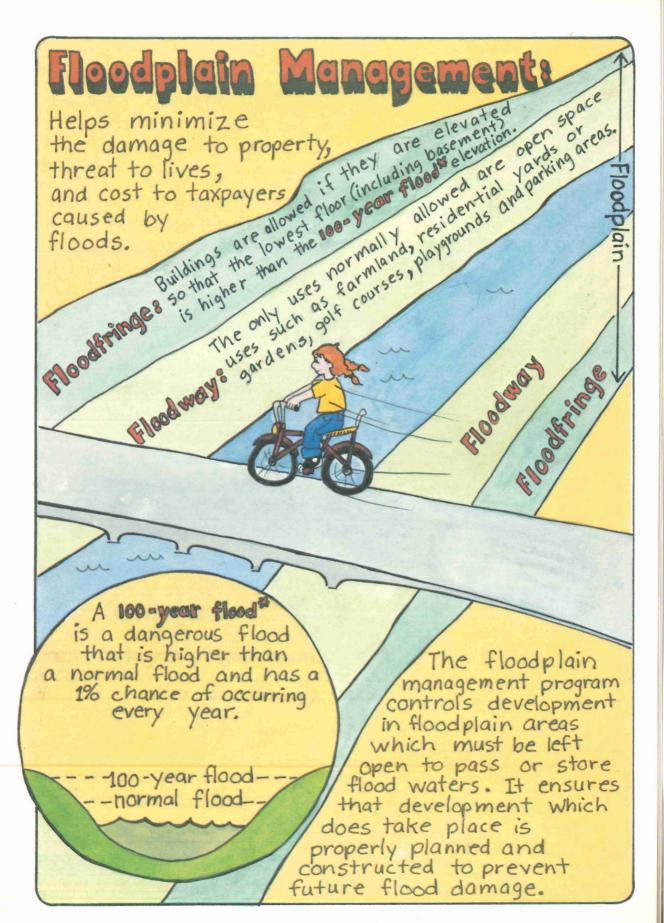






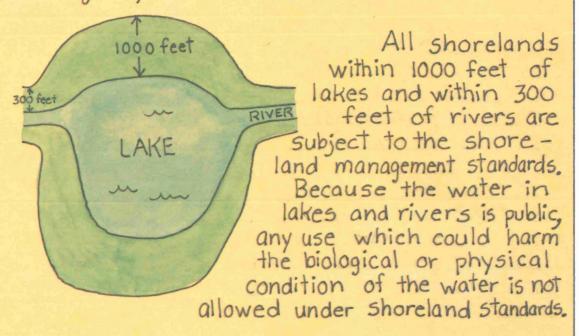






Shoreland Management:

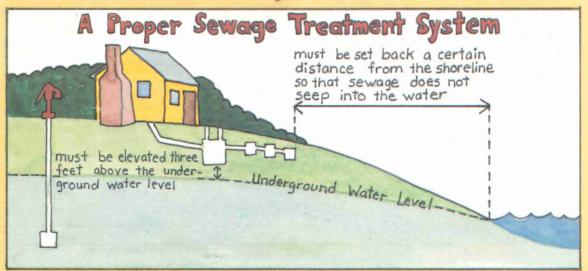
Helps provide guidance for the wise use and wise development of shorelands. Helps preserve the economic and natural environmental values of shorelands. And helps protect the water quality of our lakes and rivers.



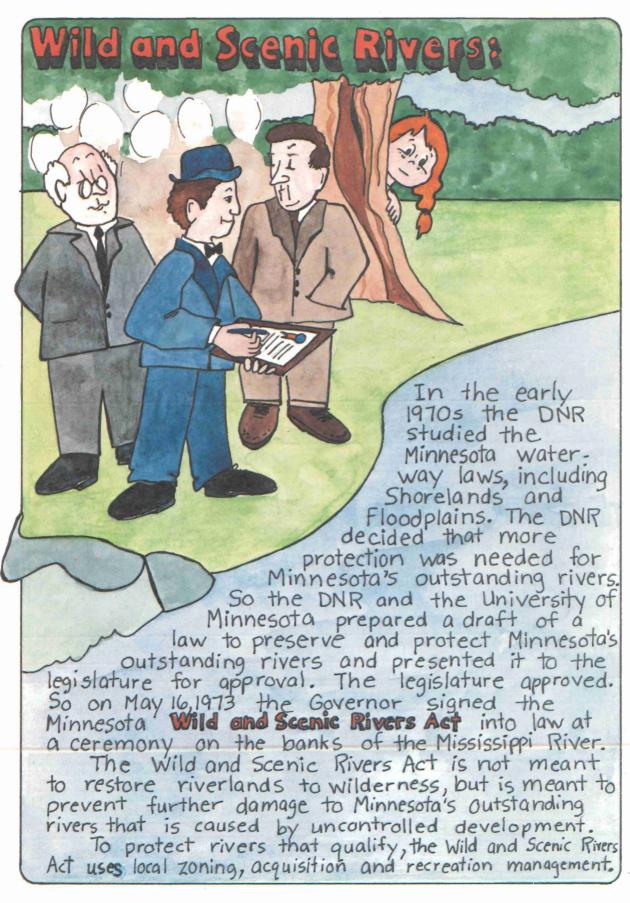
Shoreland Standards

- lot size Lots must be large enough for intended use. This helps prevent overcrowding and pollution caused by bad sewage treatment systems.
- 2 lot shape = Lots must allow plenty of area to construct a building or sewage treatment system far enough away from the water.
- 3. topography = The ground should be high enough so that buildings will not be flooded by water level changes.

- 4. Soil condition = Lots should have soil suitable for constructing buildings and sewage treatment systems.
- 5. Vegetation Enough vegetation must be left to prevent soil erosion and to screen vehicles and buildings when viewed from the water.
- 6. Sewage treatment systems = Sewage treatment systems must be set back for enough from
 the river or lake and must be elevated high enough
 above the underground water level and bedrock.
 The treatment systems must also be large
 enough to handle expected use and have a
 watertight septic tank. These measures will help
 prevent sewage from seeping into rivers,
 lakes and the underground water.



water development permits - A permit must be obtained from the DNR before a project that will affect the river or lake begins. This will guide development and uses to help prevent harm to the biological or physical condition of the river or lake.



Zoning rules establish specific building and development requirements along Wild and Scenic rivers. They also control uses which may destroy the river.

1. lot area and width - New lots along Wild and Scenic rivers must be large enough to prevent the overcrowding of homes along the river. This indirectly reduces the need for construction of roads, the clearing of trees, and the number of sewage treatment systems and utilities that could affect the river.

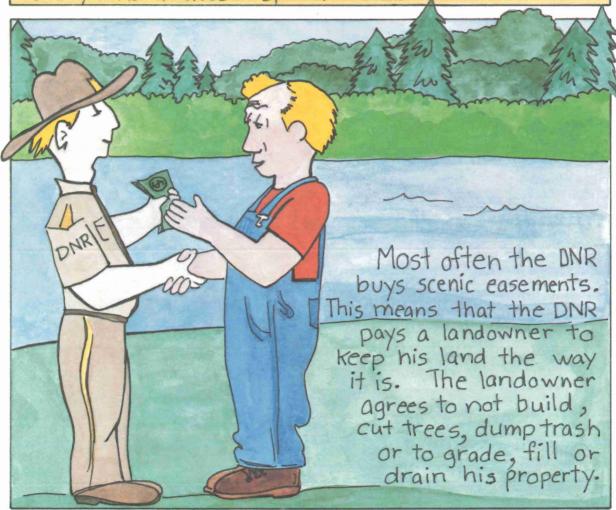
2. building setbacks and height restrictions -Buildings must be set back certain distances from the river and their height must not exceed 35 feet, except for farm buildings. Setbacks help prevent. erosion caused by clearing of trees and vegetation during construction. These restrictions and setbacks also help keep buildings from dominating the riverscape.

3. sewage treatment system setbacks - Sewage treatment systems must be set back a certain distance from the river to prevent sewage from seeping into the water.

4. vegetative cutting rules - These rules do not allow the clearing of all trees and vegetation between the river and the buildings. Diseased, insect -infested, rotten or damaged trees and small trees and plants may be removed. Lawns may be mowed and crops harvested. Vegetative cutting rules help keep a natural screen along the river, help preserve the animals' homes and help maintain ground cover which helps prevent erosion.

Acquisition

Zoning alone can't protect certain natural areas along our Wild and Scenic rivers. So the DNR negotiates to buy scenic easements or to buy land in these special areas.



Sometimes the DNR buys land outright. When campsites, accesses and rest areas are needed along a Wild and Scenic river, the DNR will buy a small piece of land to build these recreational facilities. The DNR will also buy land that possesses outstanding scenic, recreational, natural, scientific or historical values.

The DNR can buy scenic easements and land along Wild and Scenic Rivers ONLY from landowners who are willing sellers.

Recreation Management

Provides rules to help prevent littering and trespassing and provides recreational facilities designed to meet river user needs.



Public campsites, accesses and rest areas are necessary to provide a place for users to gain access, camp or picnic along the river without trespassing on private property.

The DNR buys or leases land to build campsites, accesses and rest areas to help prevent problems of trespassing on private property and to help prevent overcrowding of recreation sites.

Purchase of land by the DNR through the Wild and Scenic rivers program requires a willing seller.

